

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
1769/41426-F-PCT-
US-A/JPW/MAF/AJDSerial No.
Not yet KnownINFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)Applicant(s)
Ron S. Israeli et al.Filing Date
Herewith

Group Art Unit

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
cy	US2003	0 0 0 3 1 0 1	01/02/03	Neil H. Bander			08/13/01

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

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Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Application Number	10/751,346
Filing Date	January 2, 2004
First Named Inventor	Ron S. Israeli
Art Unit	1647
Examiner Name	S. Gucker
Attorney Docket No.	1769/41426-FA-PCT-US/JPW/CY

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
J		5,855,866	01-05-1999	Thorpe et al.
		6,051,230	04-18-2000	Thorpe et al.
		2004/0213791	10-28-2004	Bander et al.
		2004/0120958	06-24-2004	Bander et al.
		2002/0037289	03-28-2002	Thorpe et al.
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FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Country Code ³ Number-Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
J		EP 1 306 095	05-02-2003		
		WO 93/17715	09-16-1993		
		WO 95/04548	02-16-1995		
		WO 97/48409	12-24-1997		
		WO 98/03873	01-29-1998		
		WO 98/53812	12-03-1998		
		WO 00/01668	01-13-2000		
		WO 00/38785	07-06-2000		
		WO 01/009192	02-08-2001		
		WO 03/064606	08-07-2003		
		WO 2004/098535	11-18-2004		

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10-19-05

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Applicants: Ron S. Israeli et al.
Serial No.: 10/751,346
Filed: January 2, 2004
Exhibit A

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Application Number	10/751,346
	Filing Date	January 2, 2004
	First Named Inventor	Ron S. Israeli
	Art Unit	1647
	Examiner Name	S. Gucker
	Attorney Docket No.	1769/41426-FA-PCT-US/JPW/CY

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
U		Communication Pursuant To Article 96(2) EPC issued February 8, 2005 in connection with related European Patent Application No. 94 90 0538.3; and	
U		Communication Pursuant To Article 115(2) EPC issued March 17, 2005 in connection with related European Patent Application No. 94 90 0538.3.	

EXAMINER SIGNATURE <i>loiyu</i>	DATE CONSIDERED <i>10-18-05</i>
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
u	1	4,939,240	07-03-1990	Chu, et al.
u		6,103,463	08-15-2000	Chetverin, et al.
1		6,150,508	11-21-2000	Murphy, et al.
1		09/929,546	08-13-2001	Bander, et al.
u		09/929,665	08-13-2001	Bander, et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

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Applicants: Ron S. Israeli et al.
Serial No.: 10/751,346
Filed: January 2, 2004
Exhibit A

Form PTO-1449

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Examiner Name	S. Gucker
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

NON PATENT LITERATURE DOCUMENTS


Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Cy	2	BELL, G.I., et al., "cDNA Sequence Coding For Human Kidney Catalase," <u>Nucleic Acids Research</u> , 14(13):5561-2 (1986);	
cy	3	GARCIA, G., et al., "Selenoprotein A Component Of The Glycine Reductase Complex From <i>Clostridium purinolyticum</i> : Nucleotide Sequence Of The Gene Shows That Selenocysteine Is Encoded By UGA," <u>J. Bacteriol.</u> , 173(6):2093-2098 (March 1991);	
cy	4	HARLOW, E., et al., <u>Antibodies: A Laboratory Manual</u> , Cold Springs Harbor, page 76 (1988);	
cy	5	HARTNETT, C., et al., "DNA Sequences Of Genes Encoding <i>Acinetobacter calcoaceticus</i> Protocatechuate 3,4-Dioxygenase: Evidence Indicating Shuffling Of Genes And Of DNA Sequences Within Genes During Their Evolutionary Divergence," <u>J. Bacteriology</u> , 172(2):956-966 (February 1990);	
cy	6	HOLMES, ERIC H., "PSMA Specific Antibodies And Their Diagnostic And Therapeutic Use," <u>Exp. Opin. On Invest. Drugs</u> , 10(3):511-519 (2001);	
cy	7	PALM, P., et al., "Complete Nucleotide Sequence Of The Virus SSV1 Of The Archaeobacterium <i>Sulfolobus shibatae</i> ," <u>Virology</u> , 185:242-250 (1991);	
cy	8	RAMAKRISHNAN, V., et al., "Cloning, Sequencing And Overexpressing Of Genes For Ribosomal Proteins From <i>Bacillus Stearothermophilus</i> ," <u>J. Biol. Chem.</u> , 266(2):880-885 (1991);	
cy	9	SCHIEFER-ULLRICH, H., et al., "Comparative Studies On Physiology And Taxonomy Of Obligately Purinolytic Closteridia," <u>Arch. Microbiol.</u> , 138:345-353 (1984);	
cy	10	SULAVIK, M.C., et al., "Identification Of A Gene, <i>rgg</i> , Which Regulates Expression Of Glucosyltransferase And Influences the Spp Phenotype Of <i>Streptococcus gordonii</i> Challis," <u>J. Bacteriology</u> , 174(11):3577-3586 (1992); and	
cy	11	Communication Pursuant To Article 115(2) EPC issued August 30, 2004 in connection with related European Patent Application No. 94 90 0538.3.	

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Form PTO 449  INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 1769/41426-F-PCT-A-US JPW/CY/SK	Serial No. 10/751,346
	Applicant(s) Ron S. Israeli, et al.			
	Filing Date January 2, 2004		Group Art Unit 1647	

U.S. PATENT DOCUMENTS

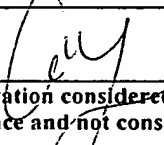
Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

W	Carter, RE, et al., "Prostate-specific membrane antigen is a hydrolase with substrate and pharmacologic characteristics of a neuropeptidase," <u>Proc. Natl. Acad. Sci. USA</u> , 93: 749-53. (1996) (Exhibit 1);
W	Halsted, CH, et al., "Folylpoly-γ-glutamate Carboxypeptidase from Pig Jejunum. MOLECULAR CHARACTERIZATION AND RELATION TO GLUTAMATE CARBOXYPEPTIDASE II," <u>J. Biol. Chem.</u> , 273(32): 20417-24. (1998) (Exhibit 2);
W	Slusher, BS, et al., "Rat brain N-acetylated alpha-linked acidic dipeptidase activity. Purification and immunologic characterization," <u>J. Biol. Chem.</u> , 265(34): 21297-301. (1990) (Exhibit 3); and
W	Wang, TT, et al., "Intracellular pteroylpolyglutamate hydrolase from human jejunal mucosa. Isolation and characterization," <u>J. Biol. Chem.</u> , 261(29): 13551-5. (1986) (Exhibit 4).

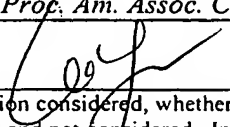
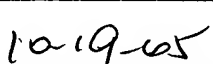
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				Filing Date January 2, 2004		Art Unit							
U.S. PATENT DOCUMENTS													
Examiner Initials	Exh No	Document Number			Date	Name	Class	Subclass	Filing Date if Appropriate				
W		4	5	5	4	1	0	1	11/19/85	Hopp			
W		5	1	5	3	1	1	8	10/06/92	Wright et al.			
W		5	1	6	2	5	0	4	11/10/92	Horoszewicz			
W		5	5	3	8	8	6	6	07/23/96	Israeli et al.			
W	1	5	6	7	2	5	9	2	09/30/97	Jackson et al.			
W	2	5	7	9	5	8	7	7	08/18/98	Jackson et al.			
W	3	5	8	0	4	6	0	2	09/08/98	Slusher et al.			
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									Yes	No			
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W		9	7	3	5	6	1	6	10/02/97	PCT			
W		9	9	4	7	5	5	4	09/23/99	PCT			
W	43	02	0	9	6	4	6	0	12/05/02	PCT			
W	44	02	0	9	8	8	9	7	12/12/02	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
W		Abdel-Nabi, H., Wright, G.L., Gulfo, J.V., Petrylak, D.P., Neal, C.E. et al. (1992) Monoclonal Antibodies and Radioimmunoconjugates in the Diagnosis and Treatment of Prostate Cancer, <i>Semin. Urol.</i> 10: 45-54;											
W		Axelrod, H.R. et al. (1992) Preclinical results and human immunohistochemical studies with ⁹⁰ Y-CYT-356. A new prostate cancer therapeutic agent, <i>Abstract 596. AUA 87th Annual Meeting</i> , May 10-14, 1992, Washington, D.C.;											
W		Bowie, J.U., Reidhaar-Olson, J.F., Lim, W.A. and Sauer, R.T. (1990) Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions, <i>Science</i> 147: 1306-1310;											
W		Carter, B.H. and Coffey, D.S. (1990) The Prostate: An Increasing Medical Problem, <i>The Prostate</i> 16: 39-48;											
W		Chang, C.S., Kokontis, J. and Liao, S.T. (1988) Structural Analysis of Complementary DNA and Amino Acid Sequences of Human and Rat Androgen Receptors, <i>Proc. Natl. Acad. Sci. USA</i> 85: 7211-7215;											
EXAMINER						DATE CONSIDERED							
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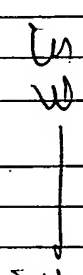
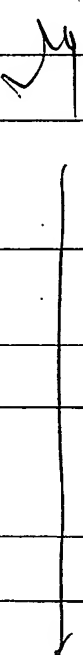

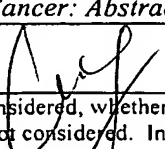
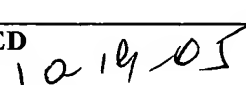
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U.S. PATENT DOCUMENTS															
Examiner Initials	Exh No	Document Number							Date	Name	Class	Subclass	Filing Date If Appropriate		
M		5	8	5	2	1	6	7	12/22/98	Kay et al.					
	4	5	8	6	3	5	3	6	01/26/99	Jackson et al.					
	5	5	8	8	0	1	1	2	03/09/99	Jackson et al.					
	6	5	9	0	2	8	1	7	05/11/99	Jackson et al.					
		5	9	3	9	2	5	8	08/17/99	Croce et al.					
	7	5	9	6	2	5	2	1	10/05/99	Jackson et al.					
	8	5	9	6	8	9	1	5	10/19/99	Jackson et al.					
	9	5	9	8	1	2	0	9	11/09/99	Slusher et al.					
FOREIGN PATENT DOCUMENTS															
		Document Number							Date	Country	Class	Subclass	Translation		
													Yes	No	
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		0	1	7	3	9	5	1	12/03/86	EPO			X		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)															
M		Corr, J.G. et al. (1994) Prostate Specific Membrane Antigen (PSM) Expression in Orthotopically Implanted Human Prostate Cancer Cells in Nude Mice Slows Tumor Growth and Metastatic Potential, <i>J. Urol.</i> 151: 492A;													
M		Culver, K.W., Ram, Z., Wallbridge, S., Ishii, H., Oldfield, E.H. and Blaese, R.M. (1992) In Vivo Gene Transfer with Retroviral Vector-Producer Cells for Treatment of Experimental Brain Tumors, <i>Science</i> 256: 1150-1152;													
M		Decensi, A., Guarneri, D., Paoletti, M.C., Lalanne, J.M., Merlo, F. and Boccardo, F. (1991) Phase II Study of the Pure Non-steroidal Antiandrogen Nilutamide in Prostatic Cancer, <i>Eur. J. Cancer</i> 27: 1100-1104;													
M		Faber, P.W., van Rooij, H.C., van der Korput, H.A., Baarends, W.M., Brinkmann, A.O., Grootegeod, J.A. and Trapman, J. (1991) Characterization of the Human Androgen Transcription Unit, <i>J. Biol. Chem.</i> 266: 10743-10749;													
M		Feng, Q. et al. (1991) Purification and Biochemical Characterization of the 7E11-C5 Prostate Carcinoma-Associated Antigen, <i>Proc. Am. Assoc. Cancer Res.</i> 32: 239;													
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W	10	6	0	1	1	0	2	1	01/04/00	Slusher et al.			
W	11	6	0	1	7	9	0	3	01/25/00	Slusher et al.			
W	12	6	0	2	5	3	4	4	02/15/00	Jackson et al.			
W	13	6	0	2	5	3	4	5	02/15/00	Jackson et al.			
W	14	6	0	4	6	1	8	0	04/04/00	Jackson et al.			
W	15	6	0	5	4	4	4	4	04/25/00	Jackson et al.			
W		6	1	0	7	0	9	0	08/22/00	Bander			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
W		Fey, M.F., Kulozik, A.E., Hansen-Hagge, T.E. and Tobler, A. (1991) The Polymerase Chain Reaction: A New Tool for the Detection of Minimal Residual Disease in Haematological Malignancies, <i>Eur. J. Cancer</i> 27: 89-94;											
W		Gately, M.K., Wolitzky, A.G., Quinn, P.M. and Chizzonite, R. (1992) "Regulation of Human Cytolytic Lymphocyte Responses by Interleukin-12", <i>Cell. Immunol.</i> 143: 127-142;											
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W		Horszewicz, J.S., Kawinski, E. and Murphy, G.P. (1987) Monoclonal Antibodies to a New Antigen Marker in Epithelial Prostatic Cells and Serum of Prostatic Cancer Patients, <i>AntiCancer Res.</i> 7: 927-936;											
W		Huber, B.E., Richards, C.A. and Krenitsky, T.A. (1991) Retroviral-mediated Gene Therapy for the Treatment of Hepatocellular Carcinoma: An Innovative Approach for Cancer Therapy, <i>Proc. Natl. Acad. Sci. USA</i> 88:8039-8043;											
W		Israeli, R.S. et al., (1992) Purification and Molecular Cloning of a New Prostate-Specific Antigen, <i>Cancer Res.</i> 53: 356;											
W		Israeli, R.S., Powell, C.T., Fair, W.R. and Heston, W.D. (1993) Molecular Cloning of a Complementary DNA Encoding a Prostate-specific Membrane Antigen, <i>Cancer Res.</i> 53: 227-230;											
W		Israeli, R.S. et al. (1993) Molecular Cloning and Characterization of a Prostate-Specific Membrane Antigen, <i>J. Urol.</i> 149: 471A;											
W		Israeli, R.S. et al. (1993) Characterization of the Prostate-Specific Membrane Antigen (PSM), <i>Proc. Am. Assoc. Cancer Res.</i> 34: 255;											
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	16	6	1	2	1	2	5	2	09/19/00	Jackson et al.				
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	18	6	2	8	8	0	4	6	09/11/01	Jackson et al.				
	19	6	3	4	8	4	6	4	02/19/02	Jackson et al.				
	20	6	3	7	2	7	2	6	04/16/02	Slusher et al.				
	21	6	3	8	4	0	2	2	05/07/02	Jackson et al.				
	22	6	3	9	5	7	1	8	05/28/02	Slusher et al.				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
		Israeli, R.S., Powell, C.T., Corr, J.G., Fair, W.R. and Heston, W.D. (1994) Expression of the Prostate Specific Membrane Antigen, <i>Cancer Res.</i> 54: 1807-1811;												
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